INTERNATIONAL SEARCH REPORT

International application No.

		PCT/JP:	2004/007398
	CATION OF SUBJECT MATTER		
Int.Cl	⁷ H01M2/10, H01M10/50		
According to In	ternational Patent Classification (IPC) or to both nation	nal classification and IPC	
B. FIELDS SI	 		
_	mentation searched (classification system followed by	classification symbols)	
Int.Cl	7 H01M2/10, H01M10/50-10/54		
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Documentation	searched other than minimum documentation to the ex	tent that such documents are included in th	e fields searched
		oroku Jitsuyo Shinan Koho	1994-2004
•	•	itsuyo Shinan Toroku Koho	1996–2004
Electronic data	base consulted during the international search (name of	data base and, where practicable, search to	erms used)
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C. DOCUME	NTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where a	annionriate of the relevant passages	Relevant to claim No.
A		<u> </u>	<u> </u>
, A	JP 2001-185103 A (Honda Moto 06 July, 2001 (06.07.01),	or co., Ltd.),	1-21
		6340877 A	
_			-
A	JP 2001-068081 A (Matsushita Co., Ltd., Toyota Motor Corp	a Electric Industrial	1-21
•	16 March, 2001 (16.03.01),	-),	
	& EP 1081784 A1		-
A	JP 2001-256949 A (Toshiba Ba Honda Motor Co., Ltd.),	attery Co., Ltd.,	1-21
	21 September, 2001 (21.09.01) -	
	(Family: none)	,	
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	:		
	L	·	
Y Further do	ocuments are listed in the continuation of Box C.	See patent family annex.	
	gories of cited documents:	"T" later document published after the into	emational filing date or priority
to be of part	lefining the general state of the art which is not considered cicular relevance	date and not in conflict with the applic the principle or theory underlying the i	ation but cited to understand nvention
"E" earlier appli filing date	cation or patent but published on or after the international	"X" document of particular relevance; the	laimed invention cannot be
"L" document w	which may throw doubts on priority claim(s) or which is	considered novel or cannot be consi- step when the document is taken alone	dered to involve an inventive
cited to esta	ablish the publication date of another citation or other on (as specified)	"Y" document of particular relevance; the considered to involve an inventive	laimed invention cannot be
"O" document re	eferring to an oral disclosure, use, exhibition or other means	combined with one or more other such	documents, such combination
"P" document po the priority of	ublished prior to the international filing date but later than date claimed	being obvious to a person skilled in the "&" document member of the same patent the	
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Date of the actua	d completion of the international search	Date of mailing of the international sear	ch report
U/ Sept	cember, 2004 (07.09.04)	21 September, 2004	(21.09.04)
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orm PCT/ISA/21	0 (second sheet) (January 2004)		

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/007398

C (Continuation)	DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant	passages	Relevant to claim No.
A	JP 2001-155789 A (Shin-Kobe Electric Machi Co., Ltd.), 08 June, 2001 (08.06.01), (Family: none)	inery	1-21
A .	<pre>JP 2000-323109 A (Toyota Central Research Development Labo), 24 November, 2000 (24.11.00), (Family: none)</pre>	And	1-21
А	JP 2000-301954 A (Shin-Kobe Electric Machi Co., Ltd., Nissan Motor Co., Ltd.), 31 October, 2000 (31.10.00), (Family: none)	inery	1-21
. A	<pre>JP 2000-090976 A (NGK Insulators, Ltd.), 31 March, 2000 (31.03.00), (Family: none)</pre>		1-21
A	<pre>JP 2000-067833 A (Nissan Motor Co., Ltd.), 03 March, 2000 (03.03.00), (Family: none)</pre>	•	1-21
A -	JP 10-021891 A (Matsushita Electric Indust Co., Ltd.), 23 January, 1998 (23.01.98), & EP 813265 A2 & US 5879833 A	trial	1-21
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